

REMARKS

Reconsideration and allowance of this application are respectfully requested in view of the above amendments and the following remarks.

The Office Action contends that the spacing of the lines of the specification in such is to making reading in entry of amendments difficult and requires a new specification with the lines double spaced on good quality paper. The copy of the application in the files of the undersigned law firm is double spaced on good quality paper. Thus, this objection and requirement are not understood. Nevertheless, a substitute specification is submitted herewith, double spaced and on good quality paper. In addition, minor editorial amendments have been made to the specification, without affecting the scope of the disclosure. Also submitted herewith is a copy of the original specification having the amendments highlighted. Note that this copy of the original specification, taken from the copy in the files of the undersigned firm, is double spaced. The undersigned attorney affirms that the Substitute Specification contains no new matter.

Objection was made to claim 14 due to a typographical error. This has been corrected in the above amendments.

The claims were rejected under 35 U.S.C. §102(e) as being anticipated by Rossman et al., United States Patent No. 6,119,155. This rejection is traversed, and reconsideration and withdrawal of it are requested. Applicants' invention, as described by the claims, is neither shown nor suggested by Rossman, or by any of the other references of record.

Rossman et al. show a method and apparatus for navigating hypertext pages. The Office Action points to column 6, lines 20-48 of Rossman et al. as

showing a terminal in which accessing an item involves attempting to read the item from memory and then, if unsuccessful, requesting transfer of the item from the server by sending a radio packet containing the appropriate content identifier, wherein the terminal is arranged to store in the memory, for access by the browser, items pushed asynchronously from the server. This contention is traversed. At column 6, lines 44-48 Rossman et al. state that their microcontroller may respond to a request for a transfer of an item by activating a respective card in the deck already in the apparatus or by accessing a new deck by requesting the server for a new deck. Such a request to the server, and the resulting transfer from the server to Rossman's apparatus, is pulling of the item; not pushing. Further, pulling is typically done synchronously, not asynchronously.

Rossman et al. expand upon this at column 8, lines 49-64 in which it is stated that upon receiving a request from the user, the client module in the mobile device first consults the work memory therein to determine if the requested deck is available. If the deck is available, the deck, or the corresponding card in the deck, is accessed without requiring any communication with the server device. However, if the received request cannot be satisfied by one of the cards in the received deck, a connection is initiated by the client module 146 to the server device 144 in order to fetch the new deck. Again, this is pulling; not pushing.

Claim 1 has been amended to further emphasize this distinction over Rossman et al. Thus, as amended claim 1 points out that the terminal is arranged to store in the memory, for access by the browser, items pulled from the server in response to requests for transfer and items pushed

asynchronously from the server without having been requested by the browser. It is accordingly submitted that claim 1 distinguishes patentably from Rossman et al. and is allowable.

Claims 2-16, being dependent from claim 1, are likewise allowable.

Claim 10 additionally distinguishes over Rossman et al. by reciting that the terminal includes arbitration means for determining whether an item received from the server is in reply to an access by the browser and so should be directed to the browser and subsequently stored in the memory, or is not in reply to an access by the browser and so should be stored directly in the memory. Rossman et al. neither shows nor suggest such arbitration means.

Since the substance of claim 12 has been incorporated into claim 10, claim 12 has been cancelled.

It is noted that the Office Action did not include a copy of the Form PTO-1449 which was submitted with the Information Disclosure Statement filed with the application April 26, 2000. It is requested that a copy of that Form PTO-1449, marked to indicate consideration of the references listed on it by the Examiner, be provided.

In view of the above amendments and remarks, it is respectfully urged that all of the grounds for objection and rejection have been overcome, that the claims are allowable, and that the application is in condition for allowance. Such action would be appreciated.

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page is captioned **"Version with markings to show changes made."**

To the extent necessary, Applicants petition for an extension of time under 37 CFR §1.136. Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (Case No. 1030.38460X00) and please credit any excess fees to such deposit account.

Respectfully submitted,



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

Please amend the claims as follows:

1. (Amended) A mobile communication terminal for providing an application, using a browser, said terminal comprising:

a transceiver arranged to send radio packets to and receive radio packets from a server;

a browser ~~application~~ for displaying content, said browser arranged to initiate ~~a first an~~ application by accessing a first item associated with the first application using a first content identifier, the application being provided by the combination of the first item and further items each of which is accessible using an individual content identifier, and each of which comprises content or means for linking to content; and

a memory for storing items received from the server locally in the terminal for access by the browser using ~~their~~ the individual content identifiers of the respective items, wherein:

_____ accessing an item involves attempting to read the item from the memory and then, if unsuccessful, requesting transfer of the item from the server by sending a radio packet containing the appropriate content identifier of the requested item, wherein ~~and~~

_____ the terminal is arranged to store in the memory, for access by the browser, items pulled from the server in response to requests for transfer and

items pushed asynchronously from the server without having been requested by the browser.

2. (Amended) A terminal as claimed in claim 1, wherein the first item ~~has~~includes identifying means for identifying to the browser to the content identifiers of the further items, and link means for linking to the further items using their individual content identifiers.

3. (Amended) A terminal as claimed in claim 2, wherein the first item further ~~comprises~~includes transfer means for transferring the further items from the server to the terminal for storage in a ~~a~~the memory in the terminal where ~~they~~ the further items may be accessed using ~~their~~ the respective individual content identifiers of the further items.

4. (Amended) A terminal as claimed in claim 1, wherein:
_____ the terminal further comprises a user interface connected to the browser and having a display for displaying content and user input means, and
_____ the first item additionally ~~has~~ includes link means for providing a visual indication of links on the display and for providing for user activation of each displayed link.

6. (Amended) A terminal as claimed in claim 3, wherein the transfer means transfers only ~~these~~ items which are not already stored in the memory.

8. (Amended) A terminal as claimed in claim 7, wherein the identifying means, link means and transfer means are activated automatically when the first item is transferred.

9. (Amended) A terminal as claimed in claim 1, wherein:
_____communication between the terminal and the server is in accordance with the Wireless Application Protocol, and
_____the first item is a deck and the further items are either cards or decks.

10. (Amended) A terminal as claimed in ~~any~~ claim 1, wherein the terminal ~~comprises~~ includes arbitration means for determining whether an item received from the server is in reply to an access by the browser and should be directed to the browser and subsequently stored in the memory, or is not in reply to an access by the browser and should be stored directly in the memory.

Please cancel claim 12 without prejudice or disclaimer.

14. (Amended) A system comprising a server and a terminal as claimed in claim 2, wherein the application may ~~by~~ be updated by updating the identifying means and the link means of the first item in the server and transferring the updated first item to the terminal.

15. (Amended) A system comprising a server and a terminal as claimed in claim 1, wherein the application may be updated by updating the content of further items in the server and transferring the updated further items to the terminal.

16. (Amended) A system comprising a server and a terminal as claimed in claim 1 wherein on the first activation of the ~~first~~ application all items associated with ~~an~~ the application are transferred from the server to the terminal.